(14)

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :- Detailed Estimate for Construction of Cement Concrete Drains at Mahalakshminagara Main Roads in Ward.No. 14, Bangalore. ಬೆಂಗಳೂರು.

Estimated Cost Rs. 18.00 Lakhs

ASSISTANT EXECUTIVE ENGINEER

T.DASARAHALLI SUB DIVISION,

B.B.M.P, BANGALORE

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

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			Est. Cost Rs				18.00	Lakhs	
Sl.. No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P 150/I.19.2 PW, P & IWTD -SR 2012-13)	Cum							
	From Mahalakshminagara Cross Road (Opp : Vijaya Shree School)		1	16.00	1.20	1.00	19.20		
			1	20.00	1.20	1.00	24.00		
			1	20.00	1.20	1.00	24.00		
			1	21.00	1.20	1.00	25.20		
			1	20.00	1.20	1.00	24.00		
			1	20.00	1.20	1.00	24.00		
			1	24.00	1.20	1.00	28.80		
			1	107.00	1.20	1.00	128.40		
							297.60	81.00	**24106.00**
	Basic Rate	75.00							
	Add Area Weightage 8%	6.00							
	Total	**81.00**							
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P 12/I 4.3) PW. P & IWTD - SR 2012-13)	Cum							
	From Mahalakshminagara Main Road		1	16.00	1.20	0.15	2.88		
			1	20.00	1.20	0.15	3.60		
			1	20.00	1.20	0.15	3.60		
			1	21.00	1.20	0.15	3.78		
			1	20.00	1.20	0.15	3.60		
			1	20.00	1.20	0.15	3.60		
			1	24.00	1.20	0.15	4.32		

			1	107.00	1.20	0.15	19.26		
							44.64	3812.82	**170204.00**
	Basic Rate	3597.00							
	Add Area Weightage 6%	215.82							
	Total	**3812.82**							
3	KSRB 4-2.2: Providing and laying in position plain cement concrete of design mix M20 with OPC cement @320 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, with superplastisiser @3lts confirming to IS9103-1999 Reafirmed-2008, machine mixed, concrete laid in layers not blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.11) PW, P & IWTD - SR 2012-13)	Cum							
	For Bottom		1	16.00	1.20	0.15	2.88		
	For Sides		2	16.00	0.15	0.75	3.60		
	For Bottom		1	20.00	1.20	0.15	3.60		
	For Sides		2	20.00	0.15	0.75	4.50		
	For Bottom		1	20.00	1.20	0.15	3.60		
	For Sides		2	20.00	0.15	0.75	4.50		
	For Bottom		1	21.00	1.20	0.15	3.78		
	For Sides		2	21.00	0.15	0.75	4.73		
	For Bottom		1	20.00	1.20	0.15	3.60		
	For Sides		2	20.00	0.15	0.75	4.50		
	For Bottom		1	20.00	1.20	0.15	3.60		
	For Sides		2	20.00	0.15	0.75	4.50		
	For Bottom		1	24.00	1.20	0.15	4.32		
	For Sides		2	24.00	0.15	0.75	5.40		
	For Bottom		1	107.00	1.20	0.15	19.26		
	For Sides		2	107.00	0.15	0.75	24.08		
	For Building Side		1	16.00	0.15	0.30	0.72		
			1	20.00	0.15	0.30	0.90		
			1	20.00	0.15	0.30	0.90		
			1	21.00	0.15	0.30	0.95		
			1	20.00	0.15	0.30	0.90		
			1	20.00	0.15	0.30	0.90		
			1	24.00	0.15	0.30	1.08		
			1	107.00	0.15	0.30	4.82		
							111.60	5142.06	**573854.00**
	Basic Rate	4851.00							
	Add Area Weightage 6%	291.06							
	Total	**5142.06**							

4	KSRB 4.9.2 : Providing TMT steel reinfor. .nent for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.19/I.4.46) PW, P & IWTD - SR 2012-13)	q							
	For Bottom & Sides		100.44	Kg/Cum	60.00		6026.40		
						Say	**60.26**	7187.86	**433169.00**
	Basic Rate	6781.00							
	Add Area Weightage 6%	406.86							
	Total	**7187.86**							
5	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.17/I.4.31) PW, P & IWTD - SR 2012-13)	Sqm							
	For Sides		2x2	16.00		0.75	48.00		
	For Sides		2x2	20.00		0.75	60.00		
	For Sides		2x2	20.00		0.75	60.00		
	For Sides		2x2	21.00		0.75	63.00		
	For Sides		2x2	20.00		0.75	60.00		
	For Sides		2x2	20.00		0.75	60.00		
	For Sides		2x2	24.00		0.75	72.00		
	For Sides		2x2	107.00		0.75	321.00		
							744.00	239.56	**178233.00**
	Basic Rate	226.00							
	Add Area Weightage 6%	13.56							
	Total	**239.56**							
6	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials	Sqm							
	Data Rate Approved By CE DZ		1	16.00	1.00		16.00		
			1	20.00	1.00		20.00		
			1	20.00	1.00		20.00		
			1	21.00	1.00		21.00		
			1	20.00	1.00		20.00		
			1	20.00	1.00		20.00		
			1	24.00	1.00		24.00		
			1	107.00	1.00		107.00		
							248.00	1600.00	**396800.00**

7	Lead for Disposal of Debris shall be payable at carage rates be mechanical means - With all lead, lifts, loading and unl ing charges, cost and conveyance of all matrials, labour, equipments - 10Kmtrs etc.., complete (P.148/I.18.57) PW, P & IWTD - SR 2012-13)	Cum							
			Qty Vide Item No. 1				297.60	78.24	23823.00
	2 x 1.28 x 4 Kmtrs	10.24							
		62.20							
	Basic Rate	**72.44**							
	Add Area Weightage 8%	5.80							
	Total	**78.24**							
8	Miscellaneous and Unforeseen Charges	LS							350.00
								Total	**1800000.00**
(Rupees Eighteen Lakhs Only)									

CERTIFICATE

1) The Work spot has been inspected and the work is found to be necessary
2) The Estimate is prepared as per the PW,P & IWTD - SR - 2012-13
3) The Provision made in estimate are adequante and essential
4) This area comes under B.B.M.P Limits.

Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

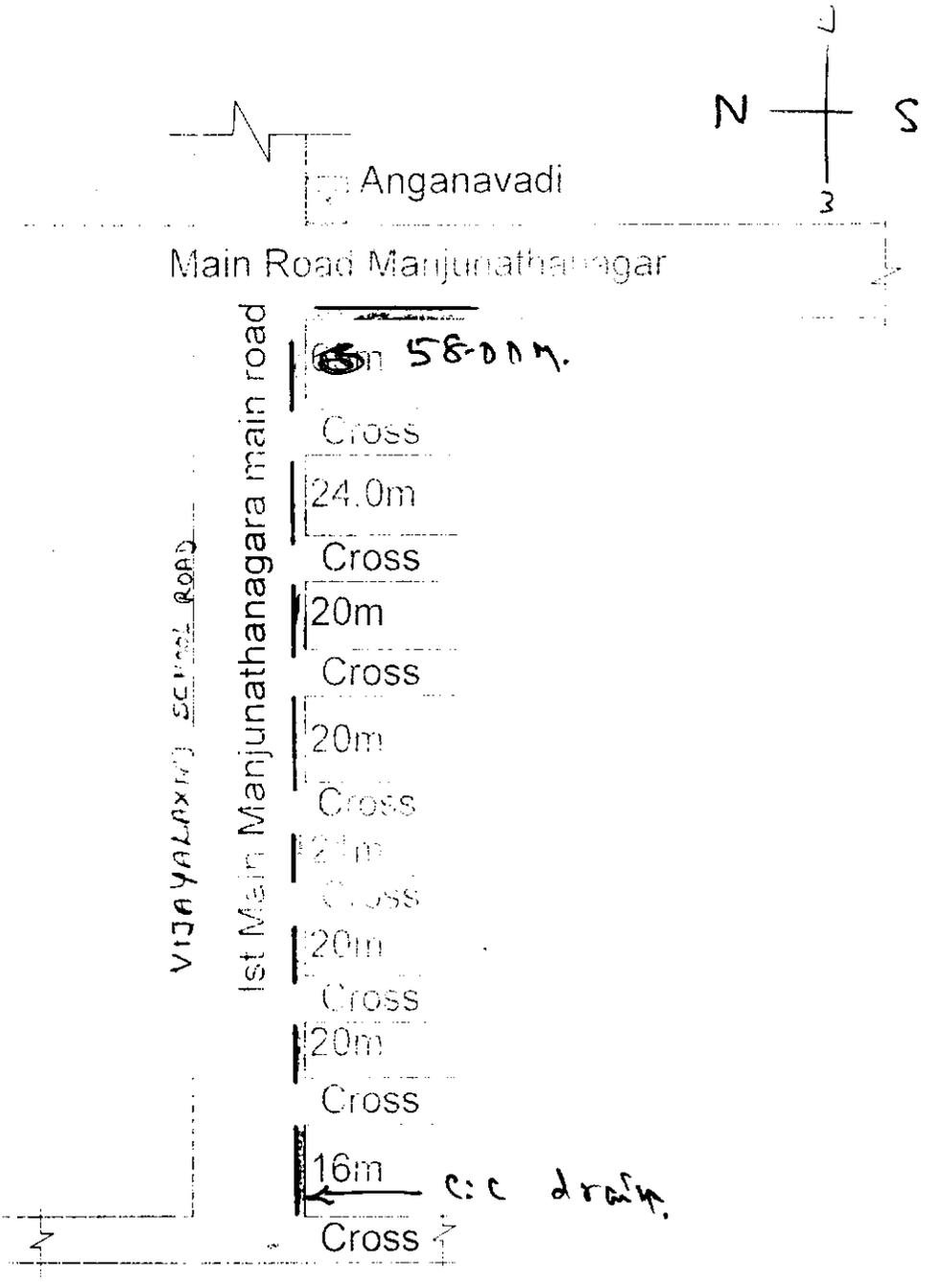
Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

H/S
JC(DH) AS 674/12-13 : 14/02/13
18.00 lakhs (Rupees Eighteen lakhs only)
Page No. 117
Sl. No. 674

No. EE/DD/TS/455/12-13 : 16/02/13
Rs. 18.00 Lakhs (Rupees Eighteen Lakhs only)

(9)

NAME OF WORK;



Assistant Engineer
Ward No.14,

Assistant Executive Engineer
T.Dasarahalli Sub Division
BBMP Bangalore

Executive Engineer
Dasarahalli Division
BBMP Bangalore